ABSTRACT OF THE DISCLOSURE

A system for and a process of controlling power supplied to a group of computers. The power available is determined, and the total power requirement of the group of computers is monitored. When an additional computer joins the group, the new total power requirement is determined. If this exceeds the power available, but the existing group of computers can operate with reduced power and the additional computer can operate with less power than indicated in the request for power, reduced power is provided to each computer of the existing group of computers, and the additional computer is provided with less power than indicated in the request for power. When the existing group of computers or the additional computer can not operate with this reduced power, the total power requirement of the existing plurality of computers is continued to be provided, and only standby power is provided to the additional computer.